ABSTRACT OF THE DISCLOSURE

A resolution converting method, device, and computer-readable recording medium that can improve the quality of a resolution-converted image. The invention converts resolution based on a model generated through statistical processing of multiple images by preparing multiple models having different resolutions, receiving an input image, projecting the input image onto a model to obtain characteristic parameters of the input image, and generating an image by applying the obtained characteristic parameters to a model. Using the characteristic parameters thereby obtained, an image is generated using a model different from the model used to obtain the characteristic parameters. Consequently, the invention is capable of improving the quality of the resolution-converted image.